

Notice of Allowability

Application No.

10/674,588

Examiner

John H. Le

Applicant(s)

BROOKS ET AL.

Art Unit

2863

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's amendment filed 03/21/2005.
2. ☒ The allowed claim(s) is/are 1-34, 70-74 and 80.
3. ☒ The drawings filed on 30 September 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

EXAMINER'S AMENDMENT

Response to Amendment

1. Applicant's amendment filed 03/21/2005 has been entered and carefully considered.

Claims 70 and 74 have been amended.

Claim 80 has been added.

Examiner's Amendment

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney Michael A. Jaskolski on 05/12/2005.

The applicant has been amended as follows:

Cancel claims 35-69 and 75-79.

Claim 80, line 7, deleted "using a processor to perform the steps of:"

Reasons for Allowance

3. Claims 1-34, 70-74, and 80 are allowed.
4. The following is a statement of reasons for the indication of allowable subject matter:

Please see the previous office action and applicant's argument filed on 03/21/2005.

In combination with other limitations of the claims, the cited prior arts fails to teach a method for identifying at least a section of a first schematic associated with at least a section of a second schematic wherein each of the first and second schematics includes a set of components for configuring a system to perform a process and wherein the components of the first and second schematics are first and second different types, respectively, wherein the method comprising the steps of: examining the second schematic to identify at least one instance of components of the second type that are associated with the identified components of the first type; and when at least one instance of components of the second type is identified, rendering the at least one instance accessible, as recited in claim(s) 1 and 80.

In combination with other limitations of the claims, the cited prior arts fails to teach a method for use with pre-existing electronically stored electrical and mechanical schematics where the electrical schematic indicates a control system to be used to control mechanical components corresponding to the mechanical schematics, wherein the method comprising the steps of: providing at least one electronic visual display screen; displaying at least a segment of the mechanical schematics via the at least one display screen; and displaying at least the identified electrical components via the at least one display screen, as recited in the amended claim(s) 70.

In combination with other limitations of the claims, the cited prior arts fails to teach a method for use with pre-existing electronically stored electrical and mechanical schematics where the electrical schematic indicates a control system to be used to control mechanical components corresponding to the mechanical schematics, wherein

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the method comprising the steps of: providing a specification that associates electrical components with mechanical components controllable by the electrical components wherein the specification includes a set of templates where each template includes a mechanical template icon sub-set and an associated electrical template icon sub-set where the electrical icon sub-set includes icons corresponding to electrical components for controlling mechanical components corresponding to the mechanical template icon sub-set; and when at least one mechanical component is selected on the mechanical schematics, identifying components on the electrical schematics associated with the selected mechanical component on the mechanical schematic, wherein the step of identifying components on the electrical schematics includes using the specification to associate mechanical schematic components with electrical schematic components, as recited in the amended claim(s) 74.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John H Le whose telephone number is 571-272-2275. The examiner can normally be reached on 8:00 - 4:30.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John E Barlow can be reached on 571-272-2269. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

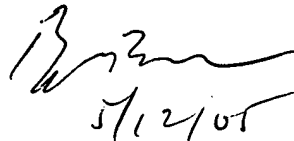
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

John H. Le

Patent Examiner-Group 2863

May 12, 2005

BRYAN BUI
PRIMARY EXAMINER



5/12/05